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By: *Nancy Ramos*Printed: Nancy Ramos

JCS971 U.S. PTO
09/784739
02/14/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Goli et al.

Title: A NOVEL GLUTATHIONE S-TRANSFERASE

Serial No.: To Be Assigned

Filing Date:

Herewith

Examiner: To Be Assigned

Group Art Unit:

To Be Assigned

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants wish to call to the attention of the Examiner the enclosed "List of References Cited by Applicants." The right is reserved to antedate any item in accordance with standard procedure.

Applicants respectfully submit under 37 C.F.R. 1.98(3)(d) that copies of the references are not included herein as copies were previously cited by or submitted to the Office in parent application Serial No. 09/309,320, filed May 11, 1999, from which we are claiming priority under 35 U.S.C. 120.

Citation of the documents is not to be construed as an admission that the documents are necessarily prior art with respect to the instant invention. This submission is understood to complement the results of the Examiner's own independent search. Citation of the documents shall not be construed as a representation that a search has been made or that the cited items are inclusive of all the relevant and material citations that may be available publicly. Any NCBI report included herein may not have an accurate date for prior art purposes. Some of the

and that an initialed copy of the List of References Cited by Applicants be returned to Applicants.

It is believed that this disclosure complies with 37 CFR §§ 1.56, 1.97 and 1.98 and the Manual of Patent Examining Procedures § 609. If for some reason the Examiner considers otherwise, please telephone the undersigned.

Applicants believe that no fee is due with this paper. However, if the Commissioner determines that a fee is necessary, the Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. **09-0108**. **A duplicate copy of this communication is enclosed.**

If there are any questions regarding the above, the Examiner is invited to call the undersigned at 650-855-0555.

Respectfully submitted,

INCYTE GENOMICS, INC.

Date: February 14, 2001

Susan K. Sather

Susan K. Sather

Reg. No. 44,316

Direct Dial Telephone: (650) 845-4646

3160 Porter Drive
Palo Alto, California 94304
Phone: (650) 855-0555
Fax: (650) 845-4166

U.S. Department of Commerce, Patent and Trademark Office	Atty Docket No.	Serial No.
	PF-0162-3 DIV	To Be Assigned
LIST OF REFERENCES CITED BY APPLICANTS	Applicant	
(Use several sheets if necessary)	Goli and Hillman	
	Filing Date	Group
	Herewith	To Be Assigned
U.S. Patent Documents		

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	1	USP 5,658,727	8/19/97	Barbas et al.	435	

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	2	WO 96 02674	1 Feb 96	PCT				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

3	Lee, HC et al., "A molecular genetic approach for the identification of essential residues in human glutathione S-transferase function in Escherichia coli" <u>J. Biol. Chem.</u> 270(1):99-109 (1995)
4	Stenberg, G et al., "Effects of directed mutagenesis on conserved arginine residues in a human Class Alpha glutathione transferase" <u>Biochem. J.</u> 274:549-555 (1991)
5	Thier, R et al., "Expression of mammalian glutathione S-transferase 5-5 in Salmonella typhimurium TA1535 leads to base-pair mutations upon exposure to dihalomethanes" <u>Proc. Natl. Acad. Sci. USA</u> 90:8567-8580 (1993)
6	Simula, TP et al., "Human glutathione S-transferase-expressing Salmonella typhimurium tester strains to study the activation/detoxification of mutagenic compounds: studies with halogenated compounds, aromatic amines and aflatoxin B ₁ " <u>Carcinogenesis</u> 14(7):1371-1376 (1993)
7	Dirven, HAAM et al., "Involvement of Human Glutathione S-Transferase Isoenzymes in the Conjugation of Cyclophosphamide Metabolites with Glutathione" <u>Cancer Res.</u> 54:6215-6220 (1994)
8	Klone, A et al., "Cloning, sequencing and characterization of the human Alpha glutathione S-transferase gene corresponding to the cDNA clone pGTH1" <u>Biochem. J.</u> 274:923-928 (1992) (Accession GI 15662)
9	Stenberg, G et al., "Heterologous expression of recombinant human glutathione transferase A1-1 from a hepatoma cell line" <u>Protein Expr Purif</u> 3:80-84 (1992) (Accession GI 259141)
10	Zimniak, P et al., "A subgroup of class alpha glutathione S-transferases Cloning of cDNA for mouse lung glutathione S-transferase GST 5.7" <u>FEBS Lett.</u> 313(2):173-176 (1992) (Accession GI 193710)

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